

Three Year Estimate of Major IT Projects - FY07 / FY08 / FY09 (IT Projects Exceeding \$50,000)

| Agency | Project name | Estimated Cost | Lease or Purchase | New Acquisition or Replacement/ Refresh or Maintenance | Timing MM/YY - MM/YY | IT component description | IT technologies/resources | Comments |
|-------------------------|--|----------------|-------------------|--|----------------------|---|---------------------------|----------|
| Administrative Services | Storage Area Network | \$80,000 | Lease | New (expansion with existing service) | FY 07 | Expand JFHQ SAN solution with additional storage data cards | | |
| Administrative Services | Sophos Pure Message Gateway Solution | \$175,000 | Lease or Purchase | Replacement/ Refresh | FY 07 | Our email solution operates from our state-of-the-art server facilities located on the capital complex and at the JFHQ National Guard Armory. We employ the Pure Message messaging security gateway from Sophos as our first line of defense against viruses, Spam, and other unwanted content. This security gateway protects our messaging environment while also empowering the customer with the ability to manage their own Spam quarantines, as well as individual safe and blocked senders' lists. The back-end servers are all protected by McAfee antivirus solutions as a second tier of defense. RFI or RFP needs to be released 3/07. | | |
| Administrative Services | Leased Hardware | \$218,000 | Lease | Replacement | FY 07 | Replacement of leased servers, desktops, notebooks, and network equipment. Dollar figure represents an annual average. | | |
| Administrative Services | Updating McAfee Anti-Virus | \$123,588 | Purchase | Refresh/update existing software | FY 07 | One Time | | |
| Administrative Services | DB2 & Websphere & TSM, etc. software maintenance renewal | \$222,200 | | Maintenance - software renewals | FY 07 | Annual | | |
| Administrative Services | Microsoft Enterprise Agreement true-up | \$73,759 | | Maintenance - software renewals | FY 07 | Annual | | |
| Administrative Services | Microsoft Premier support service | \$51,680 | | Maintenance - software renewals | FY 07 | Annual | | |
| Administrative Services | ASG--Virtual DB software license & maintenance | \$52,213 | | Maintenance - software renewals | FY 07 | Annual | | |
| Administrative Services | Teradata hardware maintenance and software support | \$157,410 | | Maintenance - software and hardware renewals | FY 07 | Annual | | |

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| Administrative Services | DB2 licenses for I/3 | \$78,000 | purchase | Maintenance | FY07/08/09 | Annual | | |
| Administrative Services | CGI application/3rd party license maintenance | \$527,000 | purchase | Maintenance | FY07/08/09 | Annual | | |
| Administrative Services | IBM/HP server replacement | \$225,000 | lease | Replacement - hardware | FY07/08/09 | Annual - assume 1/3 of server set comes up for renewal each year | | |
| Administrative Services | I/3 staff supplementation for upgrade | \$800,000 | Purchase | New | FY07 | Upgrade of I/3 requires additional staffing for training, mentoring, coding | | |
| Administrative Services | Network Security | \$50,000 | Lease | New | FY 07 or 08 | New project for network security at the port level. | | |
| Administrative Services | System Monitoring Tools | \$400,000 | Lease or Purchase | New | FY 07 or 08 | New project for end to end device monitoring and reporting. | | |
| Administrative Services | System Log Analysis and Reporting Tool | \$150,000 | Purchase | New | FY08 | Tool to monitor logs generated by network devices and servers to identify malicious behavior or attacks. | | |
| Administrative Services | Core Impact license (for two machines, 3-yr. license) | \$105,738 | Purchase | Refresh/update existing software | FY08 | Licenses with Core Security Tech | | |
| Administrative Services | Hardware maintenance on most CISCO products | \$146,200 | Purchase | Maintenance - hardware | FY08 | Annual | | |
| Administrative Services | Mainframe Hardware - Storage (Tape) | \$300,000 | Lease | New | FY08 | Total cost - New project for remote clustering or replication between JFHQ and Hoover | | |
| Administrative Services | Mainframe Hardware - Storage (Disk) | \$200,000 | Lease | Replacement - hardware | FY08 | Total cost - Update mainframe disk technology leased in FY05 | | |
| Administrative Services | Printing | \$200,000 | Lease | Replacement - hardware | FY08 | Total cost - Upgrade Data Center print controllers and engines | | |
| Administrative Services | Printing | \$200,000 | Lease | Replacement - hardware | FY08 | Total cost - Upgrade and integration of print and copy center equipment | | |
| Administrative Services | Open Systems SAN Storage | \$250,000 | Lease | Replacement - hardware | FY08 | Total cost - Equipment replacements (Shark) and growth. Total amount will be higher with I/3 needs | | |
| Administrative Services | Opens Systems SAN Storage | \$300,000 | Lease | Replacement - hardware | FY08 | Total cost - Replace and upgrade the SAN backup capability. | | |
| Administrative Services | Open Systems SAN Storage | \$500,000 | Lease | New | FY08 | Total cost - New project to mirror open systems SAN between JFHQ and Hoover | | |
| Administrative Services | I/3 staff supplementation for upgrade | \$200,000 | Purchase | New | FY08 | Upgrade of I/3 requires additional staffing for training, mentoring, coding | | |
| Administrative Services | Mainframe Hardware - Processor | \$500,000 | | Maintenance - hardware | FY09 | Hoover mainframe lease replacement | | |

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| Administrative Services | Mainframe Processor | undecided | Replacement/ Refresh or Extend Maintenance | Maintenance - hardware | FY09 | JFHQ lease replacement | | |
| Administrative Services | Mainframe Hardware - Storage (Tape) | \$100,000 | Lease | New | FY09 | Total cost - New cost for growth of drives and storage for virtual tape | | |
| Administrative Services | Mainframe Software | \$700,000 | Purchase/Lease | Maintenance - software | FY09 | Annual - renewal enterprise software licenses | | |
| Administrative Services | Opens Systems SAN Storage | \$600,000 | Lease | Replacement - hardware | FY09 | Total cost - Replace and upgrade SAN connectivity (installed FY06) | | |
| Administrative Services | Mainframe Hardware - Storage (Tape) | \$250,000 | Lease | Replacement - hardware | FY10 | Total cost - Replace Hoover tape silo | | |
| Administrative Services | Staff Augmentation - AEGS | | | | Annual | Augment resource levels and skill sets to meet the needs of our projects. | Varied programming languages, databases, project management, testing and business analysis. | |
| Administrative Services | I/3 Staff augmentation potential | ? | Purchase | New | FY08 or 09 | If HR restarts there would be additional staffing required for implementation project. | | |
| Administrative Services | I/3 Server | ? | Lease | New | FY08 or 09 | If HR restarts there would be additional server capacity needed on I/3 servers. | | |
| Blind | Modernize Power & Backup Systems | \$70,000 | | | 08-2006 - 11-2006 | This project will centralize our server backup system so that we use a tape auto loading system managed by a common backup software system. We are also wiring our server room with upgraded electrical service and a centralized UPS system for all servers. Costs include labor for electrical re-wiring, hardware, and software. | | |
| Blind | Modernize Library Data Base (CUL) | \$60,000 | | | 10-2006 - 12-2007 | This project is aimed at converting our CUL (Consortium of User Libraries) system from one based on Microsoft Access to one that uses SQL Server technologies and a Web-based client on each desktop. Costs include staff time that will need to be devoted to the project plus the estimated cost of new servers. | | |
| Blind | Computer Modernization | \$95,000 | | | 09-2006 - 12-2007 | This project, which is far from glamorous, is aimed at replacing old and out-dated laptops and desktops with new, more modern equipment. As old equipment fails or performs so poorly that it can no longer be used, we will be acquiring newer equipment to serve as a replacement. Costs include equipment and staff time. | | |

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| Blind | Voice Access to Online Public Access Catalog (OPAC) | \$95,000 | | | 01-2008 - 12-2009 | The Library for the Blind currently provides public access to its catalog through the Worldwide Web. We have long term plans to provide similar access to the Library's catalog through the telephone, using voice output and voice recognition systems. However, we are waiting for the cost of this technology to come down a bit before proceeding with this work. | | |
| Civil Rights | Upgrade hardware | > \$50,000 | | | Ongoing | Hardware purchases, including some desktops, laptops, monitors, and recording devices. And ICRC's payments to IT for support. | | |
| College Aid | CRM (Customer Relationship Management) - Knowledge Base Application | > \$50,000 | | | 2007 | Application will be used to manage our relationships with client | Database (SQL), Phone, Internet, Development, Hardware | |
| College Aid | Sallie Mae Contract | > \$50,000 | | | Renewal March 2007 | Guarantor Servicing Systems | renewal of current contract | |
| College Aid | Online Payments | > \$50,000 | | | 2007-2008 | Offer Borrowers and Lenders Online payment options | Unknown.... | |
| College Aid | Document Imaging System/ Content Management System | > \$50,000 | | | 2007 | Imaging and document storage and retrieval system | Unknown.... | |
| Commerce-Alcoholic Beverages | None | | | | | | | |
| Commerce-Banking | Upgrade laptops | \$150,000 | | | FY 07 | IDOB has received a one time appropriation increase to upgrade laptops, our key tool for examiners. Our estimated budget for this project is \$150,000. | | |
| Commerce-Banking | Laptop purchase | \$150,000 | | | FY 08 | IDOB's Professional Licensing Bureau is planning to purchase laptops for 50 board members. This project is also estimated at \$150,000. | | |
| Commerce-Credit Union | None | | | | | | | |
| Commerce-Insurance | None | | | | | | | |

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| Commerce-Utilities | Electronic Filing | > \$50,000 | | | 04-2007 - 06-2009 | Web and/or client-based system(s) for the submission, storage, and retrieval of electronic filings with the Iowa Utilities Board (IUB) -- a project to further digital government. | Internet connectivity upgrade (for FTP uploads and document delivery), Web server services or hardware and software, data storage (NAS or SAN), file server, PC's, printer and copier for customer use in the IUB Records Center, customized document management software, backup device(s), user training and documentation. | |
| Corrections | ICON | > \$50,000 | | | 10-2006 - 03-2007 | Psychiatric Module | Microsoft .NET | |
| Corrections | ICON | > \$50,000 | | | 10-2006 - 03-2007 | Dietary Module | | |
| Corrections | ICON | > \$50,000 | | | 10-2006 - 03-2007 | Banking - rewrite | | |
| Corrections | ICON | > \$50,000 | | | 03-2007 - 07-2007 | Inmate Property Management Module | | |
| Corrections | ICON | > \$50,000 | | | 07-2007 - 09-2007 | Inmate Electronic Signature | | |
| Corrections | DOC Module Rewrite | > \$50,000 | | | 04-2007 - 06-2009 | Major rewrite of all current modules (on-going project) | | |
| Corrections | DOC Wireless Redundancy | > \$50,000 | | | 04-2007 - 06-2009 | Wireless connections - all sites - for redundancy | ICN | |
| Cultural Affairs | On-Line Access to History, Architecture, and Archeology Documents (State Historical Society - Historic Preservation Office) | > \$50,000 | | | 08-2006 - 10-2008 for initial phase, then ongoing | Purchase of: High volume/high resolution document scanner with automatic feed; Four ABBYY FineReader software licenses; Three licenses for Adobe Acrobat; Three licenses for Adobe Photoshop; Three PCs with enough storage (dual hard drives for Photoshop) and RAM to do photo editing; Server with large storage capacity, RAID 5 capability, multiple processors for redundancy, multiple power supplies for redundancy, high processor speed, and adequate RAM; Large capacity tape backup device; SQL Server 2005 Standard Edition licenses for each processor in the server; Windows Server 2003 Standard license for server. | DCA staff for install & configure hardware & software. DAS/ITE staff to ensure server is configured to communicate with the web server securely. Database to house the images, descriptions, etc. DCA's web developer to develop & maintain web pages. IowaInteractive (etc.) to assist creating web pages to communicate with SQL server and retrieve digitized items, display properly in a web page, and allow documents to be assessed based on a user id & password. | The Iowa Department of Transportation will be providing some of the funds for this project via a grant award. |

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| Cultural Affairs | Infrastructure Upgrade to Provide 100 MBs throughput to end-users (staff, interns, and volunteers) at the Historical Building | > \$50,000 | | | 10-2006 until completion | Switches; fiber optic cables; patch panels; racks; UPS'; Cat 5e cabling, etc. | ICN staff or another vendor to pull and properly terminate the cables. DAS/ITE staff to configure the switches. DCA's IT Specialist to monitor the project and provide assistance to ICN, vendor & DAS/ITE staff. | |
| Cultural Affairs | Digital Preservation and Access to Historical Materials in the Library, Archives, and Museum (State Historical Society - State Historical Library, State Archives, and Historical Museum) | > \$50,000 | | | 07-2007 - 06-2008 for initial phase, then ongoing | Purchase of: Adobe Photoshop licenses (amount to be determined); Digital camera; Content management software for descriptive work (what software and amount of licenses to be determined); Server with large storage capacity, RAID 5 capability, multiple processors for redundancy, multiple power supplies for redundancy, high processor speed, and adequate RAM; Large capacity tape backup device; SQL Server 2005 Standard Edition licenses for each processor in the server (SQL server may be used to house the digital images and their descriptions); Windows Server 2003 Standard license for server. | DCA's IT specialist to install and configure hardware and software. DAS/ITE staff to ensure server is configured to communicate with the web server securely. DCA's web developer to develop and maintain the web pages. IowaInteractive (etc.) to assist creating web pages to retrieve the requested digitized items & display them in a web page. | |
| Economic Development | Project Tracking/Monitoring Database | Estimated cost: \$180,000 - \$200,000 | | | FY 07 - FY 08 | | | |
| Economic Development | Re-work/Redesign of Agency website | > \$50,000 | | | Tentative | | | |
| Economic Development | Business Licensing Information System | > \$50,000 | | | Tentative | | | |
| Economic Development | Misc. Web Promotions and Initiatives | > \$50,000 | | | Tentative | | | |
| Education | Education data warehouse joint effort with AEAs | > \$50,000 | | | FY 08 - FY 10 | Web accessible | | |
| Education | High School Transcript Repository | > \$50,000 | | | FY 08 - FY 09 | Web-based | | |
| Education | Post secondary data warehouse | > \$50,000 | | | Tentative | Joint effort with Regents and community colleges | | |
| Education-Library Services | None | | | | | | | |

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| Education-Vocational Rehabilitation | Iowa Rehabilitation Services System (IRSS) | > \$50,000 | | | 10-2003 - 07-2007 | IRSS is designed as an integrated case management and financial management web-based application. The system will eliminate most paper forms currently used, ensure all federally mandated information is appropriately accumulated, create appropriate correspondence automatically, electronic case notes become a part of the client case file, automatically generated action lists will assist IVRS staff by notifying them of upcoming events or tasks due, eliminate duplicate data entry, and facilitate prompt payment of claims through the state's financial accounting system. Financial information will be readily available in the form of vendor performance and improved fiscal projection capabilities. Forms will be generated electronically and federal report generation will be simplified. | Microsoft Sharepoint Portal Server, CorasWorks Workgroup Suite, Microsoft SQL Server, Microsoft .Net Framework | |
| Elder Affairs | Aging and Disability Resource Center (supplemental) | > \$50,000 | | | 10-2006 - 09-2008 | Programming changes to the Seamless software to post the Food Assistance Application resulting in streamlined access to the publicly funded benefit program. | Expect to create interagency agreement with DAS/ITE for programming changes. The agreement will specify technology components. | |
| Elder Affairs | Aging and Disability Resource Center (Pooled Technology) | > \$50,000 | | | 07-2006 - 06-2007 | Create enhancements to LifeLongLinks.org Web site to connect the information and referral components of the Web site with other providers of services specific to the population of persons with disabilities, aging persons and caregivers, and all other consumers interested in information and referral to general social service needs. | Expect to create interagency agreement with DAS/ITE for programming changes. The agreement will specify technology components. | |
| Elder Affairs | CMPFE/SEAMLESS | > \$50,000 | | | 07-2006 - 06-2007 | Complete the transfer of all development, server support, software support & enhancements associated with the CMPFE/SEAMLESS software to Iowa Technology Enterprise. The software is client case management service tracking and reporting software. | The software use tablet and web technology to connect to a centralized SQL database with statewide access via the web to over 100 users. | |
| Ethics and Campaign Disclosure | None | | | | | | | |
| Governor's Office | None | | | | | | | |
| Human Rights | CJIS Enterprise Service Bus | \$2,600,000 | | | FY 07 | Purchase of Enterprise Service Bus | ITE, CJJP, Other CJ Agencies (e.g. DOT, DOC) | |

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| Human Rights | CJIS ESB Implementation | \$2,800,000 | | | FY 08 | Implementing ESB and CJIS Exchanges | ITE, CJJP, Other CJ Agencies (e.g. DOT, DOC) | |
| Human Rights | CJIS Hosting Costs | \$489,000 | | | FY 08 | Purchase ITE Hosting Services for ESB | ITE, CJJP, Other CJ Agencies (e.g. DOT, DOC) | |
| Human Rights | CJIS ESB Implementation | \$110,000 | | | FY 09 | Implementing ESB and CJIS Exchanges | ITE, CJJP, Other CJ Agencies (e.g. DOT, DOC) | |
| Human Rights | CJIS Hosting Costs | \$489,000 | | | FY 09 | Purchase ITE Hosting Services for ESB | ITE, CJJP, Other CJ Agencies (e.g. DOT, DOC) | |
| Human Services | Citizenship Verification | > \$50,000 | | | 04-2006 - 08-2006 | Federal Mandate. Requirement to verify US citizenship for Medicaid eligibility and document the type of verification in the system. | SQL 2000, ASP.Net, Mainframe, IDMS | State and Federal Funds |
| Human Services | Online Food Assistance Application | > \$50,000 | | | 01-2006 - 01-2007 | Online application for Food Assistance, plus admin functions for IM workers | SQL 2000, ASP.Net, MQSeries, IABC, Active Reports | Iowa Access Grant Funds |
| Human Services | Appeals System Redesign | > \$50,000 | | | 07-2005 - 12-2006 | Rewrite 2 old Appeals systems into 1 integrated web-based system. | SQL 2000, .NET 2.0, ASP.NET, Active Reports, Filenet | State and Federal Funds |
| Human Services | DHS Security Subsystem | > \$50,000 | | | 03-2006 - 01-2007 | Create DHS Common Security System for use with web-based systems. Uses ITE's A&A Service. | SQL 2000, .NET 2.0, ASP.NET | State and Federal Funds |
| Human Services | Overpayment Recoupment (OPR) system rewrite | > \$50,000 | | | 09-2006 - 09-2007 | Transform existing OPR system from COBOL/IDMS/ADSO to CA-Gen, SQL Server, .NET 2.0 | SQL 2000, , CA-Gen, .NET 2.0, ASP.NET, COBOL, Elixir Forms Processing | ROI Grant Funds and DHS Staffing Funds |
| Human Services | IABC Technology Enhancement - Phase I | > \$50,000 | | | 07-2007 - 07-2008 | Design and implement relational Data model for IABC | CICS, COBOL, DB2, SQL Server 2000 | ROI Grant Funds and DHS Staffing Funds |
| Human Services | Collections Service technology (VIPRS Change) | > \$50,000 | | | 04-2007 - 12-2007 | Replace existing remittance processor technology | Remittance processing equipment to open & extract mail, image, encoders and processing software. | State and Federal Funds |
| Human Services | Expand Customer Websites | > \$50,000 | | | 01-2006 - 06-2008 | Expand current customer website for parents -- update address info, provide more e-services, etc. | SQL 2000, web front end | State and Federal Funds |
| Human Services | Expand Employer Website | > \$50,000 | | | 01-2006 - 06-2008 | Add additional forms and enhance functionality to existing site for employers. | SQL 2000, web front end | State and Federal Funds |
| Human Services | Quick Kids | > \$50,000 | | | 07-2007 - 06-2008 | Intranet application between child support States for workers to inquiry about cases in another state. | ITE infrastructure has connection to the Federal CSEnet system --- sending requests through that process which goes directly against ICAR. | State and Federal Funds |

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| Human Services | E-Filing with Courts | > \$50,000 | | | 2006 maybe 2007 | State Courts will be creating an e-filing service. | Interface from ICAR to Court's website to file court papers. | State and Federal Funds |
| Human Services | BHIS | > \$50,000 | | | 09-2006 - 06-2008 | Behavioral Health Systems for Facilities | | State and Federal Funds |
| Human Services | New SACWIS GUI | > \$50,000 | | | 04-2006 - 04-2008 | DHS is creating a web-based GUI for its current mainframe Statewide Automated Child Welfare Info System (SACWIS) | Asp.Net, SQL 2005 | State and Federal Funds |
| Human Services | New CC MIS | > \$50,000 | | | 04-2006 - 08-2007 | DHS is creating a new, comprehensive Child Care MIS to support, staff, clients and providers. This new system repalces current IT supports that went into production in the mid-70's | ASP.Net | Federal Funds and State Staffing Funds |
| Human Services | New CW Service Array | > \$50,000 | | | 01-2007 - 09-2007 | DHS is conducting an extensive redesign of its CW service array. This wide array of new services will need to be incorporated into the SACWIS | mainframe and GUI | State and Federal Funds |
| Human Services | Presumptive Medical Services: | > \$50,000 | | | 01-2007 - 09-2007 | Medicaid has two presumptive eligibility programs; Presumptive for Pregnant Women and Presumptive for Breast and Cervical Cancer Treatment. This project will move these applications into our services case management system (ISIS). Under these programs, a person is considered presumptively eligible for Medical services for two months while a person is going through the eligibility process. Movement of these programs into ISIS will improve case management and work flow while providing a payment authorization data stream to the Medicaid claims payment system for improved payment processing. | These two programs are currently supported with and IDMS database and ADSO/CICS mainframe screens. These programs will be moved to ISIS using .Net Programming (VB.Net and ASP.Net) and a SQL Server 2005 database. | State and Federal Funds |
| Human Services | Pregnant Women | | | | | | | State and Federal Funds |
| Human Services | Breast and Cervical Cancer Treatment | | | | | | | State and Federal Funds |
| Human Services | National Provider Identifier | > \$50,000 | | | 02-2006 - 04-2007 | Federal HIPAA requirement. This project will change how Medicaid Providers are indentified within State Systems. Several DHS systems are impacted by this project | Mainframe - IDMS, VSAM, ADS/O; Server - VB.Net, ASP.Net, SQL 2005 | State and Federal Funds |

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| Human Services | Cash and Counseling Services | > \$50,000 | | | 01-2006 - 01-2007 | New program in ISIS (Individualized Services Information System). This is a new program offering within the Home and Community Based Services to provide recipients the opportunity to help self-direct their services. | VB.Net, ASP.Net, SQL 2000 | State and Federal Funds |
| Human Services | Medicaid Information Technology Architecture (MITA) | > \$50,000 | | | 02-2006 - 07-2009 | Federal CMS requirement. This project is a long-term structural change to all Medicaid related systems. CMS has provided this new, service oriented architecture as the blue-print for all new systems technological development. During the time period for this project, all Bureau systems will be brought into compliance. Compliance with MITA is required for all new development at enhanced funding rates and in the future (date not specified) will be required to recieve federal funding for Medicaid Systems. | Mainframe - IDMS, VSAM, ADS/O; Server - VB.Net, ASP.Net, SQL 2005. This project will impact all Bureau systems and resources. | State and Federal Funds |
| Human Services | ISIS Technology Upgrade to .Net and SQL 2005 | > \$50,000 | | | 01-2006 - 04-2007 | ISIS is a services and payment authorization system. This system has been be expanded to include Targeted Case Management, Rehabilitative Services (now called Remedial Services) for both children and adults, a new cash and counseling program within Home and Community Based Services Waiver Program, and other programs will be moved to this platform over time. In between adding new programs, we will be updating the application to .Net programing and a SQL Server 2005 database. | Moving from IIS ASP and Visual Basic with a SQL Server 2000 database to ASP.Net and VB.Net with a SQL Server 2005 database. New programs have been added using VB.Net and ASP.Net. This project will bring existing code up to .Net standards. | State and Federal Funds |
| Human Services | Expansion of Medicaid Premium programs, addition of new coverage group | > \$50,000 | | | 03-2006 - 02-2007 | Federal and State mandate. Medicaid is increase the number of new coverage groups that will pay premiums. Recently, Iowa Cares was added and we will be adding a new one covering releasee's from the Department of Corrections. | We currently have two premium systems; one for Iowa Cares and one for Medicaid for Employeeed Persons with Disabilities. Both of these systems use IDMS with ADSO mainframe screens. This project will add the new coverage group and integrate both of the above systems into a new web-base front end (.Net) with a SQL Server 2005 database. | State and Federal Funds |

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| Human Services | Consolidation of Premium systems into one generic Premium System that will support multiple DHS programs with work flow and bank drop box capabilities. | > \$50,000 | | | 04-2006 - 06-2007 | Federal mandate. This project is in tandem with the adding of new premium groups to Medicaid. | VB.Net, ASP.Net, SQL 2005, EDI | State and Federal Funds |
| Human Services | Long Term Care Accounts Recievable | > \$50,000 | | | 01-2007 - 09-2007 | This project will rebuild our current AR system into a web-based, internet accessible, work-flow system that recieves billing information from DHS Institutions and Medicaid that are charged to Counties. Counties will be able to review their billings online and coordinate payments through this application. This project will be accomplished in coordination with the National Provider Identifier project and the replacement of the current County Billings application. | VB.Net, ASP.Net, SQL 2005 | State and Federal Funds |
| Human Services | Data Warehouse Dashboard Template | > \$50,000 | | | 05-2007 - 08-2007 | DHS is expanding its use of the Enterprise Data Warehouse and this project creates a common technical dashboard template that will support all DHS dashboarding activities. | VB.Net, ASP.Net, SQL 2005 | State and Federal Funds |
| Human Services | Medicaid's Medicare Buy-In System | > \$50,000 | | | 04-2007 - 12-2007 | Federal mandate. This program matches Medicare eligible people who are on Medicaid. This project will create a web-enable, database system primarily used by program QA staff and fiscal management. | VB.Net, ASP.Net, SQL 2005 | State and Federal Funds |
| Human Services | Title XIX system enhancements and technological upgrades | > \$50,000 | | | 06-2007 - 06-2009 | The current TXIX system is a mainframe-based, batch system that accomplishes a variety of Medicaid Eligibility and Case Reporting activities. DHS has created a new model for Medicaid management and this project will realign eligibility and reporting activities with the appropriate system and move TXIX into a more sustainable technological structure. | Mainframe - IDMS, VSAM, ADS/O; Server - VB.Net, ASP.Net, SQL 2005 | State and Federal Funds |
| Inspections & Appeals | None | | | | | | | |
| Iowa Communications Network | Circuit Database Conversion | > \$50,000 | | | 12-2006 - 12-2007 | Move the existing Access engineering PVC/Circuit database to Oracle. | Oracle and J2EE | |
| Iowa Communications Network | Integration of Financial Apps | > \$50,000 | | | 03-2007 - 09-2007 | Re-write and integrate the Asset database with Solomon and the Customer database. | | |

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Three Year Estimate of Major IT Projects - FY07 / FY08 / FY09 (IT Projects Exceeding \$50,000)

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|------------------------------|---------------------------------------|----------------|-------------------|--|----------------------|---|--|----------|
| Iowa Communications Network | Asset Management | > \$50,000 | | | 07-2007 - 02-2008 | Deploy bar coding or RFI system to automate Asset management. | RFI Systems | |
| Iowa Communications Network | Maintenance Web Portal | > \$50,000 | | | 08-2007 - 03-2008 | Move IPTV classroom system to ICN and develop a web interface to this. | | |
| Iowa Communications Network | Site Inspection Conversion | > \$50,000 | | | 09-2007 - 07-2008 | Rewrite the site inspection spreadsheet process as a database integrated with the Customer database. | Oracle and J2EE | |
| Iowa Communications Network | Technical Labor Conversion | > \$50,000 | | | 09-2008 - 06-2009 | Re-write the Tech. Labor Access application using J2EE technologies. | Oracle and J2EE | |
| Iowa Communications Network | Oracle Consolidation | > \$50,000 | | | 01-2009 - 06-2009 | Consolidate Oracle databases to new ICN 10g RAC servers at JFHQ SAN | SANs | |
| Iowa Communications Network | Financial Data Storage | > \$50,000 | | | 02-2009 - 08-2009 | Establish financial data retention storage facilities. | SANs | |
| Iowa Finance Authority | None | | | | | | | |
| Iowa Law Enforcement Academy | Student Computer Lab | \$75,000 | | | 07-2006 - 07-2008 | FY 07 is the second year in the computer up-date plan. This request includes funds to complete the computer lab and rotate one-third of the staffs' computers and one-third of the dormitory room computers. An additional \$75,000 will be asked for in FY 08 to complete the project. In-car computers for the driving cars will be obtained in the third year. The monies requested for the student computer lab include costs of electrical work and furniture. | Academy IT person is working on this with maintenance personnel. | |
| Iowa Law Enforcement Academy | Update and upgrade computer equipment | > \$50,000 | | | 07-2006 - 07-2008 | The Academy is working on plans to update and upgrade all staff and dormitory computers and place on a 2 or 3 three replacement plan (2 year for staff and 3 year for dormitory rooms). The cost of this may be under \$50,000. Included in the update plan is to replace the current servers used by the Academy. | Academy IT person is working on this. | |

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| IPERS | Quest for Excellence (IQue) Project | \$25,200,000 | | | FY 06 - FY 07 | The IPERS Quest for Excellence (IQue) project is a five year project, beginning in FY06 and ending in FY10. The purpose of the project is to replace the current out-dated IPERS Benefits Administration System Line of Business application. This project was formerly known as the Benefits Administration System Modernization Project. This project is an effort to maintain and improve the quality of services, reduce operational risk levels, and drive more efficiency and effectiveness at IPERS. The new solution will provide comprehensive coverage of IPERS' business needs and address needs for member, retiree and employer support; staff functionality; and management reporting. During this five year period IPERS must also continue to support the current legacy systems until their replacement is in place and tested. | | |
| IPERS | IQue Project | | | | FY 06 | Year one of project: planning and procurement tasks were performed. IPERS engaged L. R. Wechsler, Ltd (LRW), a retirement industry expert, for assistance. FY 06 milestones were the creation of an IT strategic plan and the procurement through a competitive RFP process of Vitech Systems Group, a tech firm providing services to the public retirement industry. Planning efforts validated the projected five year timeframe and the procurement process validated the five year total cost of \$25.2 million including five dedicated IQue project FTEs. The procurement process culminated with a multi-year contract with Vitech and clarified the dollars needed through FY10 to complete the implementation of the IQue system. Legacy system technology acquired to ensure stability and level of service for current systems. | | |

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| IPERS | IQue Project | | | | FY 07 | Vitech and IPERS begin implementing the IQue system at IPERS. LRW retained to provide Independent Verification/Validation and Quality Assurance services. FY 07 milestones include development of the implementation project plan and top level business requirements. IPERS will familiarize staff with the purchased system through a conference room pilot. Major effort on data cleansing and preparation. Infrastructure to support the development and initial testing phases will be in place during FY07. Legacy systems continue to be maintained. | | |
| IPERS | IQue Project | | | | FY 08 | First production rollout will occur. This project phase deals with reporting by public employers of their data and contributions to IPERS. Production infrastructure will be set in place during FY 08 to support the new system. IPERS plans to replace the telecommunications infrastructure in place at IPERS in order to integrate the new system and our phone system. Major effort will continue on data cleansing and preparation. Legacy systems will continue to be maintained. | | |
| IPERS | IQue Project | | | | FY 09 | Remaining components relating to members will go into production. This effort will complete the cutover from the legacy systems to the new system. IPERS will utilize an organizational change plan to assist in this transition. Most infrastructures should be in place by FY09 and all data migration should be completed. IPERS will decommission the legacy systems as appropriate but expect to maintain them for much of the year. | | |
| IPERS | IQue Project | | | | FY 10 | Final testing will be completed and the system will move into warranty and maintenance mode. Some technology infrastructure may need to be replaced at that point due to age and/or the ability to manage the level of service demanded by IPERS employers, members, and staff, the users of the system. | | |
| Management | Results Iowa WEBSITE | | | | TBD | Update Existing WEB SITE | WEB DEVELOPMENT | |
| Management | VALS COUNTY | | | | Wishlist | Conversion to WEB BASED Data Entry | WEB DEVELOPMENT | |

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| Management | EBIS BUDGET FILES SYSTEMS | | | | Wishlist | Conversion to WEB BASED Data Entry | WEB DEVELOPMENT | |
| Management | WEB Based System For Reporting VALS/EBIS | | | | Wishlist | New System | WEB DEVELOPMENT | |
| Natural Resources | Water Database Application | \$88,000 \$60,000 | | | FY 08 FY 09 | Web Application for Iowa Lakes, Rivers, and Streams Data | | |
| Natural Resources | E-SCORP | \$ 125,000 | | | FY 08 | Electronic Statewide Comprehensive Outdoor Recreation Plan (E-SCORP) web application will allow the public to view recreational opportunities in Iowa. Governement entities can provide data on recreation areas as well. | | |
| Natural Resources | Planning for and Conversion of Mainframe/MS Access Applications | \$176,000 \$88,000 \$44,000 | | | FY 08 FY 09 FY 10 | Move DNR Mainframe Systems and MS Access databases applications to web-based platform that can be supported by the DNR. | | |
| Natural Resources | One Stop Projects | \$140,000 \$110,000 \$140,000 | | | FY 08 FY 09 FY 10 | EPA Funded Project - Integration of additional DNR program data | | |
| Natural Resources | Additional IT Staff | \$248,000 \$176,000 \$200,000 | | | FY 08 FY 09 FY 10 | Hiring additional IT staff to develop and support current and newly developed in-house applications | | |
| Natural Resources | Newly Developed Applications | \$250,000 \$250,000 \$250,000 | | | FY 08 FY 09 FY 10 | Result of Approval from IT Oversight and Planning Committee | | |
| Natural Resources | Software Licenses | \$21,000 \$24,000 \$27,000 | | | FY 08 FY 09 FY 10 | Software License Purchases for Developers | | |
| Natural Resources | Infrastructure Upgrades/Retooling | \$40,000 | | | FY08 | Server Re-platform | Windows CALS, Blade Servers, | |
| Natural Resources | | \$30,000 \$5,000 \$5,000 | | | FY 08 FY 09 FY 10 | Server Virtualization | VMWare Investment | |
| Natural Resources | | \$54,000 \$10,000 \$10,000 | | | FY 08 FY 09 FY 10 | E-mail Outsourcing & Archieve | ITE Exchange Solution & Vault | |
| Natural Resources | | \$40,000 \$40,000 \$40,000 | | | FY 08 FY 09 FY 10 | Help Desk Outsourcing | ITE HP-Openview Tool & 1st Call Answer | |
| Natural Resources | | \$40,000 \$20,000 \$10,000 | | | FY 08 FY 09 FY 10 | Groove / SharePoint | Initial investment for web based apps & remote sync | |

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|---|--------------------|-----------------------------------|-------------------|--|-------------------------|--|---|----------|
| Natural Resources | | \$60,000 \$10,000 \$10,000 | | | FY 08 FY 09 FY 10 | Video Conferencing | ESD Field Offices - including VoIP, MCU, etc. | |
| Natural Resources | | \$85,000 \$15,000 \$15,000 | | | FY 08 FY 09 FY 10 | Backup Solution | SyncSort | |
| Natural Resources | | \$375,000 \$15,000 \$15,000 | | | FY 08 FY 09 FY 10 | Remote Office Connectivity | Citrix, 2X, network expansion, VPN | |
| Natural Resources | | \$80,000 \$20,000 | | | FY 08 FY 09 | LiDAR Storage Solution / SAN | Servers, SAN | |
| Natural Resources | | \$ 10,000 | | | FY 08 | Relocate SQL server apps | From IA City to ITE | |
| Natural Resources | | \$10,000 \$10,000 \$10,000 | | | FY 08 FY 09 FY 10 | Tools & Utilities | Identify manager, What's Up, KVM/IP, Spam Blocker | |
| Office of Drug Control Policy | None | | | | | | | |
| Parole Board | None | | | | | | | |
| Public Defense | Grants Mgt. System | > \$50,000 | | | 07-2006 - 06-2007 | Integration of current spread sheets with Rumba and Filepro used for finance functions | Software application | |
| Public Defense | WebEOC | > \$50,000 | | | 07-2008 - 06-2009 | New emergency event tracking software for the EOC | Software application, training | |
| Public Defense | COOP/COG software | > \$50,000 | | | 07-2006 - 06-2007 | Software to help develop cont. of operations plans, Living Disaster software | Software application | |
| Public Defense | COOP costs | > \$50,000 | | | 07-2006 - 06-2007 | Software that tracks downtime and costs associated with a COOP/emergency event | Software application | |
| Public Defense | Inventory System | > \$50,000 | | | 06-2007 - 06-2008 | Inventory Radio Frequency Tagging and Database | | |
| Public Defense - Homeland Security - Emergency Management | See Public Defense | | | | | | | |
| Public Employment Relations Board | None | | | | | | | |

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|-----------------------------------|---|----------------|-------------------|--|----------------------|--|---|----------|
| Public Health | Iowa Vital Records System | > \$50,000 | | | 01-2006 - 01-2010 | Web based Vital Records system that includes Birth, Death, Marriage, and Fetal Deaths. This also include the Administrative Tools that are used to edit , track and print certified copies for the people of Iowa. The following local agencies will be tied into this system: Hospitals, County Recorders, Morticians, County Coroners and Medical Examiners. | This new Web application will replace a main frame application that is out dated and not available to our local partners. This data will be shared with DHS and Social Security as well as verification with agencies such as AAMVA. This will be built with a VB.NET front end and a SQL back end. | |
| Public Health | Community Health Needs Assessment & Health Improvement Plan(CHNA-HIP) | > \$50,000 | | | 01-2008 - 01-2010 | Web based tool for Local Public Health Agencies to conduct Community Health Needs Assessments & Health Improvement Plans. Some of this information will be pulled from the IDPH Data Warehouse. Counties will use this data to conduct needs assessments for their service region and make plans for improvement. | This new web tool will be developed using in-house staff and resources. This will be built with a VB.NET front end and a SQL back end. | |
| Public Health | Iowa-WIC Information Network(I-WIN) | > \$50,000 | | | 10-2003 - 12-2006 | This web based system replaces a Clipper DOS/Main Frame application for providing services to Women, Infants, & Children. | This is a .NET/SQL application that was contracted out to CIBER for development. The base application has been in use for 9 months. Amendments 1 & 2 will be added by the end of the calendar year. | |
| Public Health | Iowa Disease Surveillance System | > \$50,000 | | | 09-2004 - 06-2007 | This web based system replaces a paper based method of disease surveillance for the state. This system will link laboratories, hospitals, IDPH, Local Health agencies and CDC in the reporting and investigation of communicable diseases. | This is a .NET/SQL application that was contracted out to IFMC for development. It also uses PHIN-MS for communication of medical information. | |
| Public Health - Dental Examiners | None | | | | | | | |
| Public Health - Medical Examiners | None | | | | | | | |
| Public Health - Nursing, Board of | None | | | | | | | |

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| Public Health - Pharmacy Examiners | Information Program for Drug Prescribing and Dispensing (aka Iowa Prescription Drug Monitoring Program) | > \$50,000 | | | 10-2006 - 06-2009 | Program receives records of selected controlled substances prescriptions dispensed by retail pharmacies to patients in Iowa. Pharmacies transmit records to program database via electronic transmission. If a pharmacy does not have the transmittal technology, hard-copy records may be submitted and program personnel will manually input records. Records are compiled in database and made available, via secure web-based interface, to certified prescribers and pharmacists. Records may also be queried by program personnel and reports provided to regulatory agencies and law enforcement pursuant to authorized request. | Pharmacists and prescribers utilize a secure web-based application to request program access and, following certification and receipt of a secure password, query the program database for information regarding prescriptions dispensed to their patients. A report based on the query criteria is generated and returned to the requestor via the same secure website. System is available to prescribers and pharmacists 24/7, securely maintaining patient prescription database. The component requiring pharmacy transmission of dispensing records is intended to be unobtrusive and automatic--for example, when a qualifying prescription is filled, the information could be tagged or added to a file for periodic submission to the program database via secure electronic transmission. The program identifies any records, in an exception report delivered to program personnel, that do not meet the criteria of the database (failed field matches, invalid data types, etc.) and program staff will work with the reporting pharmacy to resolve individual record issues. | |
| Public Safety | None | | | | | | | |
| Revenue | Collections Enhancements (Strata) | > \$50,000 | | | 10-2006 - 05-2007 | Application will improve evaluation of debt during collection process | Mainframe and Network Application Sw, and Database | |

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|---------|---------------------|----------------|-------------------|--|----------------------|--|--|----------|
| Revenue | Security Management | > \$50,000 | | | Annual | Continued evaluation and implementation as appropriate of additional solutions to enhance security of information assets and the evaluation of IDR security procedures | Specific solutions not identified at this time | |
| Revenue | Technology Refresh | > \$50,000 | | | Annual | Hardware and Software Technology Refresh of environment is anticipated to allow agency to retain compliance with technology refresh cycles which vary by component | Servers, Desktops and Associated Software | |
| Revenue | E Service Program | | | | | Expansion of electronic services offered to customers including: | | |
| Revenue | E Service Program | > \$50,000 | | | CY 07 and CY 08 | Modernizing of Electronic Filing for Individual Income tax | Application enhancements and coordination with external developer community | |
| Revenue | E Service Program | > \$50,000 | | | | Development of specifications for local governments to report property sales data | Web based application -- possible use of existing applications developed by local government association. In addition Mainframe or Client Server application to replace legacy mainframe processing and reporting solution maintained in IDR | |
| Revenue | E Service Program | > \$50,000 | | | FY 08 | Upgrade of Iowa Tax Research Library which is on line resource containing tax laws, policies and decisions of agency relating to tax administration | Database and Search Engine | |
| Revenue | E Service Program | > \$50,000 | | | FY 07 to FY 09 | Moderate level of expansion of Business Tax Electronic Filing and Payment Application with Vendor | Primarily envisioned as continuing development under existing vendor contract for moderate level of service expansion and support | |
| Revenue | E Service Program | > \$50,000 | | | Annual | Development of additional electronic filing services for "minor taxes" using internal staff and consultants as needed | Existing environment for web based applications | |
| Revenue | E Service Program | > \$50,000 | | | Annual | Maintenance and enhancement of existing web based and client server applications that support external and internal customers interfacing with IDR information systems | Application development using current web and client server based development and deployment platform | |

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|----------------|--------------------------------|----------------|-------------------|--|----------------------|--|--|----------|
| Revenue | Tax Credit Analysis | > \$50,000 | | | FY 07 and FY 08 | Development of Tax Credit Analysis Information System Interfacing with other agencies | Web Based Data Exchange with interfaces to existing applications in IDR and other agencies; project is underway | |
| Revenue | Legacy Application Development | | | | | Support of tax return processing, collection activities and other tax administration functions of agency including: | | |
| Revenue | Legacy Application Development | > \$50,000 | | | FY 07 & FY 08 | Complete strategic evaluation providing vision and plan for modernization of IDR information services | Primarily Business Evaluation although planning tools may be incorporated for data gathering and analysis | |
| Revenue | Legacy Application Development | > \$50,000 | | | Ongoing FY 07 | Enhance Collection Account Receivable Application | Application development using mainframe COBOL/CICS | |
| Revenue | Legacy Application Development | > \$50,000 | | | FY 08 | Evaluate Alternatives for Accounts Receivable Management System | Consulting and Research Project | |
| Revenue | Legacy Application Development | > \$50,000 | | | Annual | Maintenance and enhancement of IDR's Integrated Revenue Information System (IRIS) and other legacy applications | Application development using mainframe COBOL/CICS and possible browser based interfaces | |
| Revenue | Limited Document Management | > \$50,000 | | | FY 07 or FY 08 | Limited Document Management Solution to assist in storage and retrieval of limited number of tax returns and applications | Possible Imaging Solution - Estimated Investment by Business Unit is \$75,000 | |
| Revenue | Tax Gap Program | > \$50,000 | | | FY 07 to FY 09 | Tax Gap Program provides IDR Compliance Support in identification of Non Filers and Under reporting. Program includes multiple applications that will be maintained and enhanced as business requirements are identified | Development will continue in existing environment with use of web based applications for audit management, data warehouse for data analysis, and interfaces to existing applications for data retrieval. Anticipated that IDR will continue to rely on external contractors for support of solution to supplement existing IDR staff | |
| Transportation | Dynamic Message Signs (DMS) | > \$50,000 | | | FY 06 - FY 10 | Increase the number of DMS signs in the state and change the method of communications | IP based technology via internet and cellular modem communication, for overhead,side mount, rest area and portable message signs | |

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| Transportation | Eastern Iowa Intelligent Transportation Systems (ITS) | > \$50,000 | | | FY 06 - FY 08 | The project involves the installation of cameras, sensors, and other technologies on I-74 in the Quad Cities Metro Area and on the freeway network in the Iowa City Metro Area. The video and data from these devices will be integrated into a coordinated traffic management system. | The project will require the vendor to install and integrate the various technologies and develop software systems to provide specific services to enhance traffic management functions and real-time dissemination of traffic information to the public via the DOT internet web site. | |
| Transportation | Statewide GPS | > \$50,000 | | | FY 07 - FY 08 | The project involves the installation statewide RTK-GPS (real-time kinematic-global positioning system) network to provide real-time GPS position correction information to staff operating in field activities (surveying, construction, maintenance, etc.) | The project will require the vendor to install and integrate GPS transmitters and surveying total stations on a statewide grid. This network will be linked together via the Iowa DOT's area network and the vendor will establish the communications protocols to disseminate the sub-inch accuracy GPS correction information to authorized users. | |
| Transportation | Weatherview Web Site | > \$50,000 | | | FY 06 - FY 11 | Continue development of the Weatherview web site, add new observation equipment to RWIS sites, add tracking capabilities to maintenance vehicles to track resources and operations and enhance the quality of data from the RWIS and AWOS networks. | See attachment - Weatherview Web Site Initiative – Highway Division FY07 | |
| Transportation | Resource Management System | > \$50,000 | | | FY 02 - FY 09 | Develop a system to provide detail of maintenance/construction activities by employees and to manage materials used to maintain highways. Output will be utilized by Materials Management and Emergency Management. | System is being developed utilizing VisualBasic .Net and the Oracle Database and will be interfacing with the Time Sheet System and Equipment Management System which are legacy systems on the host computer. | |

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| Transportation | Laboratory Information Management System | > \$50,000 | | | FY 04 - FY 10 | Develop a system to track materials tests that are required on construction projects. | System is being developed utilizing Oracle Forms and the Oracle Database and will be interfacing with the Letting System which has just recently been converted to a client/server system. | |
| Transportation | Right of Way Information Management System | > \$50,000 | | | FY 05 - FY 09 | Redesign the old Parcel Tracking System into a new client/server environment. Add enhancements to the new system. | System is being developed utilizing VisualBasic .Net and the Oracle Database. Web development will enable the public to access parts of the system to obtain Right of Way information pertaining to their parcels. | |
| Transportation | Rapid Storage Area Network (SAN) Backup | > \$50,000 | | | FY 07 - FY 08 | The SAN has experienced major growth in size in the past three years. There are now over 100 Terabytes (TB) of storage on the SAN. The SAN will increase in size by 30 TB in FY07. As the SAN continues to grow in size, new capability is needed to ensure the backups complete within the nightly maintenance window. | Block-level backups (instead of file-level) utilizing dynamic backup tape drive sharing and Veritas software | |
| Transportation | Attorney Web Site | > \$50,000 | | | FY 04 - FY 07 | Provide a web solution to allow attorneys to do business with the Office of Driver Services electronically, including the purchase of certified driving records. (Part of the Image System and Driver Redesign) | Web Application will be developed using C#.Net, WebForms, and WinForms. The application will interface with the Driver and Vehicle System. | |
| Transportation | Automated DL Testing System for DL Stations | > \$50,000 | | | FY 05 - FY 07 | Replace existing automated DL testing system for DL stations for functional efficiency improvements for Iowa DOT and its customers. | | |

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| Transportation | IBM Image System Replacement | > \$50,000 | | | FY 05 - FY 07 | Replace existing IBM mainframe image system with ERMS database for functional efficiency improvements for Iowa DOT and its customers. | ERMS, using Oracle to support the data layer, is the image replacement solution. Approximately 43M documents and images will be converted and migrated to a Storage Area Network (SAN). WebForms and WinForms will be used for the User Presentation (APIs (Application Presentation Interfaces)). | |

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| Transportation | IRP/IFTA Rewrite | > \$50,000 | | | FY 06 - FY 08 | Replace the existing IRP system for database and functional efficiency improvements for Iowa DOT and its customers. Scope includes the redesign of the International Fuel Tax Authority (IFTA) system, and adding IFTA Clearing House functionality. | The IRP/IFTA System will be a large component of an n-tier server architecture application, using a rich client/server environment. It will be developed using C#.Net, ASP.Net, ADO.Net, XML, WinForms, WebForms, several 3rd party softwares (3M's Dealer System, Cash Drawer and FrameWork, Antenna House's Formatter, ID Automation's Barcode Utilities, and R.L. Polk's Vehicle Identification Number Authentication software), and batch server processing. The network supporting the system incorporates a client/server configuration networked with a Nortel Networks 10/100/1000 routed/switched Ethernet backbone and an ATM/Frame Relay WAN using TCP/IP protocol. Servers operate under Windows 2003 SP1 supporting Microsoft 2003 .Net applications. Current data storage for the entire system is estimated at 6.0 terabytes located on a storage area network (SAN). The system uses Microsoft SQL Server, running on an 8-way server, to support the data layer. Microsoft T-SQL is used to script the stored procedures. Clients will operate under (developed using C#), Acrobat Reader 6.0, Java Runtime (us | |
| Transportation | Mobile Data | > \$50,000 | | | FY 04 - FY 07 | Provide wireless interface w/departmental and other networked data sources and car-to-car messaging for use by MVE. | | |

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Three Year Estimate of Major IT Projects - FY07 / FY08 / FY09 (IT Projects Exceeding \$50,000)

| Agency | Project name | Estimated Cost | Lease or Purchase | New Acquisition or Replacement/ Refresh or Maintenance | Timing MM/YY - MM/YY | IT component description | IT technologies/resources | Comments |
|----------------|--------------------------|----------------|-------------------|--|----------------------|---|--|----------|
| Transportation | MVE In-car Camera System | > \$50,000 | | | FY 06 - FY 07 | Provide ability to record video and audio during commercial vehicle stops and inspections. | | |
| Transportation | MVST Staff Augmentation | > \$50,000 | | | FY 04 - FY 07 | Provide the equivalent of 3 FTE's to provide specific contract application development services and support assistance for the Driver and Vehicle System. | The Driver and Vehicle System is a large n-tier server architecture application, using a rich client/server environment, developed using C#.Net, ASP.Net, ADO.Net, XML, WinForms, WebForms, several 3rd party softwares (3M's Dealer System, Cash Drawer and FrameWork, Antenna House's Formatter, ID Automation's Barcode Utilities, and R.L. Polk's Vehicle Identification Number Authentication software), and batch server processing. The network incorporates a client/server configuration with a Nortel Networks Ethernet backbone using TCP/IP protocol. Servers operate under Windows 2003 SP1 supporting Microsoft 2003 .Net applications. Data storage is estimated at 6.0 terabytes on a storage area network (SAN) using Microsoft SQL Serverin support of the data layer. Microsoft T-SQL is used to script stored procedures. Client development used C#, Acrobat Reader 6.0, Java Runtime and Internet Explorer 6.0. Minimum Workstations requirements include Intel Pentium 4 with 1GB of RAM. | |

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| Transportation | Single State Registration System (SSRS) | > \$50,000 | | | FY 06 - FY 08 | Redesign the Single State Registration System for database/functional efficiency improvements for Iowa DOT and its customers. | These business components will use the same technologies and resources as the IRP/IFTA System uses. | |
| Transportation | Reporting Database | > \$50,000 | | | FY 06 - FY 07 | Develop a reporting database of vehicle and driver information for use by a variety of individuals. | The Driver and Vehicle Reporting Database will be an n-tier client/server architecture application. It will be developed using WinForms, WebForms, and possibly 3rd party software for the presentation layer. The Reporting Database will use Microsoft SQL Server 2000, running on a 4-way server, to support the data layer. | |
| Transportation | SR22/26 | > \$50,000 | | | FY 04 - FY 07 | Automate the processing of SR22 and SR26 insurance. | The business processes needed to automate SR22/26 will be written as components of the Driver and Vehicle System. The will be written using C#.Net, WinForms and possibly WebForms. Any data added or modified using these components will be part of the Driver and Vehicle System's data layer. | |
| Transportation | EZPermit Redesign | > \$50,000 | | | FY 07 - FY 10 | Redesign the Easy Permit web application for database and functional efficiency improvements for Iowa DOT and its customers. | The application will be rewritten using C#.Net, using Microsoft SQL Server as the data layer. WinForms and WebForms will be used for the presentation layer. | |
| Transportation | Decision Support Environment (DSE) | > \$50,000 | | | FY 03 - FY 07 | Continued work on the deployment and enhancements to CTAMS Web and CTAMS Analyst. | Oracle database containing spatial and business data available through GIS software or via the custom CTAMS Web application. | |

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| Transportation | Five Year Program to Oracle | > \$50,000 | | | FY 04 - FY 08 | Complete the development of an Oracle based application that will replace the existing IDMS application used to maintain the Five Year Program system. | Oracle application with interface to existing legacy mainframe system | |
| Transportation | GIMS Redesign | > \$50,000 | | | FY 03 - FY 08 | Integrate LRS and GIMS into one seamless application thus eliminating redundant map maintenance and incorporating a temporal analysis. | Oracle database containing spatial roadway centerline, rail, structure and associated business data which is maintained using GeoMedia. | |
| Transportation | Linear Referencing System (LRS) Maintenance Application | > \$50,000 | | | FY 03 - FY 08 | Continued work on the implementation and enhancements to the LRS Maintenance Application. | Oracle database containing spatial roadway network locations that interface with other spatial technologies (i.e. GeoMedia). | |
| Transportation | State Transportation Improvement Program | > \$50,000 | | | FY 03 - FY 07 | Database for the Transit element of STIP. | Oracle database that interfaces to the existing PTMS (Public Transit Management System) | |
| Transportation | Aviation Weather Observation System (AWOS) | > \$50,000 | | | FY 07 - FY 09 | Update AWOS observation system composed of remote sensors at general aviation airports collecting various weather data and displayed on local kiosk machine. Data is transmitted over WAN lines to a central repository where it is available for query by kiosk machines at other airports. | Update will involve a new back end database and redesign of data interfaces. | |
| Transportation | Purchasing System Redesign | > \$50,000 | | | FY 06 - FY 08 | Rewrite the existing Purchasing System into an SQL Server database application. | SQL Server database with a GUI written using VB.Net | |
| Transportation | Online Inventory Ordering | > \$50,000 | | | FY 07 | Create a web version of the inventory stock issue application for use by local jurisdictions. | Web enabled application in .Net using SQL Server as the database | |
| Transportation | Automated Garnishment Process | > \$50,000 | | | FY 07 | Develop a system that would build efficiencies into the payroll garnishment and wage assignment process. | SQL Server database with a GUI written using VB.Net | |

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| | Civil Rights and Labor Management System | | | | FY 07 - FY 08 | Automate the process of collecting civil rights and labor compliance data (such as prevailing wage), the compilation of this data for required federal and state reports, and necessary data analysis for goal setting and program performance by developing comprehensive software system that will receive and process the data required to meet federal and state requirements for external civil rights and labor compliance activities. | The architecture will be implemented on the Microsoft .NET platform. The target deployment platforms for NGT will be determined by the TTF. Based on current TTF direction, the targetd database platforms are Oracle 10g on Windows Server 2003 servers and DB2 8 on Window Server 2003 servers. The target middle tier server platofrm is Windows Server 2003. Specific web browsers will not be targetd, as the interface is to be developed with the goal of working with any web browsers that support standard HTML, Cascading Style Sheets (CSS), and JavaScript. This is a pooled fund development effort by AASHTO with other DOT's participating. | |
| Transportation | | > \$50,000 | | | | | | |
| Veterans Affairs | See Public Defense | | | | | | | |
| Veterans Affairs - Iowa Veterans Home | EHR Continuation | > \$50,000 | | | FY 08 - FY 09 | Currently IVH is in the RFP phase for the initial implementation of an Electronic Health Record System. It is expected as this system is rolled out and implemented, that further expansion will be desired to further provide service. | Unknown at this time - Currently in the initial RFP phase. The Iowa Veterans Home was awarded Pooled Technology Funds \$262,270 in fiscal year 2006. We are hopeful that the initial phases of this project can be completed by June 30, 2007. | |

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| Veterans Affairs - Iowa Veterans Home | Pager System - In-house | > \$50,000 | | | FY 08 - FY 09 | The current pager system at the Iowa Veterans Home is currently out dated and the nurse call system is out dated and failing. IVH is currently in the initial phase of determining the criteria as to what a new system should look like and what it's capabilities should be. The impact of this implementation has not yet been determined. | Unknown at this time - Currently in the initial discussion phase | |
| Veterans Affairs - Iowa Veterans Home | Campus Wireless System | > \$50,000 | | | FY 07 - FY 09 | Convert the entire campus to a wireless data network. Current IVH has miles of cat 5 cabling through out the facility. This will eliminate the need for all this cable. This will also provide greater efficiencies and resident care as providers will be able to have the resident record available in any portion of the facility. This will also allow for mobile med carts and allow for other business related needs where a data connection is quickly needed. | Cisco Components Requires experience from outside vendor (preferably Steve Harris from ITE) Technical time Wiring to individual switches Training Installation Equipment | |
| Veterans Affairs - Iowa Veterans Home | Document Management Expansion | > \$50,000 | | | FY 08 - FY 09 | Expand the current use of the document content management system (LaserFiche) to the entire organization. This will allow for greater efficiencies and eliminate the storage of high volumes of paper. | Licensing Set-up | |
| Veterans Affairs - Iowa Veterans Home | Bar-Coding | > \$50,000 | | | FY 07 - FY 09 | Install bar code software and equipment throughout the agency to facilitate the bar coding of equipment and supplies. This will include, but not be limited to, the following departments: Central Supply, Maintenance, Pharmacy, etc. | | |
| Workforce Development | Enhance IWD 1000 East Grand Data Center | > \$50,000 | | | 10-2006 -12-2007 | Implement Data Center Power Distribution Unit and Infrastructure Monitoring System | Procure products and Installation services | |
| Workforce Development | Enhance IWD's COOP/COG Business Recovery | > \$50,000 | | | 10-2006 - 7-2007 | Establish network connectivity between IWD wide area network, IWD Data Center, and JFHQ Far Site; create and execute a test plan for critical UI benefit functions; and establish a redundant server farm environment at JFHQ. | Procure hardware for network and LAN; procure consultation services for test plan development and execution. | |
| Workforce Development | Enhance RUP Application Development Methodology | > \$50,000 | | | 10-2006 - 10-2007 | Expand the Rational Unified Process (RUP) Application Development Methodology using tools to support software lifecycle traceability, change control, and auditing. Expand current Rational Suite of Tools and implement Tivoli Configuration Manager | Procure additional Rational Tools, Tivoli Configuration Management product, installation services, and training. | |

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| Workforce Development | Implement Tools for implementation of standardized backup and recovery of distributed data | > \$50,000 | | | 10-2006 - 2-2007 | Standardize and implement a centralized backup and recovery solution for distributed data | Procure products and installation services and implementation of tools. | |
| Workforce Development | Implement secure wireless LAN connectivity | > \$50,000 | | | 10-2006 - 12-2008 | Implementation of 802.1x wireless port-based authentication to restrict unauthorized clients from connecting to the IWD LAN | Procure products and installation services | |
| Workforce Development | Enhance IWD Information Security Management Program | > \$50,000 | | | 10-2006 - 12-2008 | Strengthen the IWD UI INFOSEC Program with staff training, certification tools, and consultation services to enhance security policy and procedures. | Procure products and Consultation Services | |
| Workforce Development | Replace existing UI Scanners | > \$50,000 | | | 10-2006 -12-2008 | Replace existing scanner equipment used by the Unemployment Insurance Division for document management in the existing electronic management storage system. | Product Procurement | |
| Workforce Development | Secure network equipment in Field Offices | > \$50,000 | | | 10-2006 - 12-2007 | Secure network equipment by procuring locking network cabinets, venting closet doors, and installing locks in closet doors etc. | Procure products and installation services | |
| Workforce Development | Implement Laptop and Removable Storage Encryption Solution | > \$50,000 | | | 1-2007 - 6-2008 | Implement laptop and removable storage encryption solution | Procure products | |
| Workforce Development | Integrate DOL O*NET-SOC Auto Coder Application | > \$50,000 | | | 5-2006 to 12-2007 | Integrate the DOL Auto Coder Software with business defined legacy system | Develop applications using Web Services to connect legacy systems with DOL Web Service compliant Auto Coder Application | |
| Workforce Development | Replace UI Cross Match/Integrity Bulletin-Board Application | > \$50,000 | | | 5-2006 to 12-2007 | Integrate applications using secure FTP services for IWD customers using existing Globalscape Enhanced File Transfer Product. | Procure Products, installation services, and Application Development Integration Training | |
| Workforce Development | Implement an Identity Management Infrastructure | > \$50,000 | | | 5-2006 to 12-2007 | Development of an Identity Management infrastructure for secure internal and external customer access | Implementation of Ent A & A and/or IBM TIM/TAM Product | |
| Workforce Development | Integrate National Directory of New Hires Data | > \$50,000 | | | 5-2006 to 12-2007 | Integrate the National New Hires data with legacy UI Claims systems to crossmatch data to initiate the results into the UI Fraud/Investigations and Recovery legacy system | Develop applications to integrate data with legacy systems | |
| Workforce Development | Implement US DOL Integrated Adjudication System | > \$50,000 | | | 10-2006 to 12-2007 | Customize and implement DOL Web-based Integrated Adjudication System Product for Unemployment Insurance Claims Program | Customization of DOL product with integration to existing UI Claims Applications and Content Management Document Storage | |

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| Workforce Development | Integrate real-time address validation in UI applications | > \$50,000 | | | 5-2006 to 12-2007 | Implement real-time address validation with legacy application using existing Code 1 Universal Coder Software | Procure products, installation services, and application development to integration with legacy systems | |
| Workforce Development | Conduct UI Data Validation System Compliance Audit | > \$50,000 | | | 10-2006 to 12-2007 | Procure services to conduct Independent Verification and Validation of IWD UI Data Validation Process | Procure Independent Vendor and audit exception application development services | |
| Workforce Development | Web-based Resource Center Shell Application | > \$50,000 | | | | Develop web-based resource center application to enhance customer services and track required data for reporting | Develop web-based application to integrate with existing reporting data repository | |
| Workforce Development | Redesign Worker's Compensation System | > \$50,000 | | | 10-2006 to 12-2007 | Develop web-based application with relational database to support business process reengineering | Develop Web-based application and migrate existing data platforms to IBM Content Manager electronic document storage system | |
| Workforce Development | Migrate Reemployment Service Application | > \$50,000 | | | | Migrate legacy mainframe RES case management system to IWORKS system | Customize IWORKS to support UI Reemployment Program to provide integrated case management services | |
| Workforce Development | Migrate WIA Lotus Notes Application | > \$50,000 | | | | Migrate Lotus Notes client service application to IWORKS system | Customize IWORKS to support WIA Program to provide integrated case management services | |
| Workforce Development | Reengineer UI Claims Lotus Notes Application | > \$50,000 | | | | Migrate Lotus Notes client service application to J2EE platform | Reengineer UI Claims application to integrate with existing databases and Content Management electronic document storage | |
| Workforce Development | Reengineer Labor Division Lotus Notes Applications | > \$50,000 | | | | Migrate Lotus Notes applications to J2EE platform | Reengineer Labor Division applications to integrate with existing databases and Content Management electronic document storage system | |
| Workforce Development | Replace Domino.Doc Lotus Notes Knowledge Management Software | > \$50,000 | | | | Implement Web-based Knowledge Management System | Procure products and migration services | |
| Workforce Development | Replace Lotus Notes Help Desk Software | > \$50,000 | | | | Implement Enterprise HP Service Desk | Product Procurement, Installation Service, and Customization Services | |

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| Workforce Development | Reengineer Worker Opportunity Tax Credit (WOTC) Lotus Notes Application | > \$50,000 | | | | Migrate Lotus Notes application to J2EE platform | Reengineer WOTC application to integrate with existing databases and Content Management electronic document storage system | |
| Workforce Development | Redesign Trade Adjustment Act/Trade Readjustment Act (TAA/TRA) Application Enhancement | > \$50,000 | | | | Redesign application and migrate data to existing DB2 and Oracle Databases and establish electronic folders in existing Content Management System | Develop application and integrate with existing IBM Content Manager electronic document storage system | |
| Workforce Development | Replace Mainframe Image Plus Document Management System | > \$50,000 | | | | Migrate existing mainframe Image Plus document management system to existing Content Manager for multi-platform system | Vendor Services to migrate mainframe documents | |
| Workforce Development | Redesign legacy Unemployment Insurance Tax System | > \$50,000 | | | | Develop Web-based application to support UI Tax business process redesign | Customize Web-based application integrating with existing IBM Content Manager electronic document storage | |
| Workforce Development | Implementation of Labor Division Tier II Application | > \$50,000 | | | | Implement Homeland Security Tier II software and create customized reports | Product implementation and report development | |
| Workforce Development | Create consolidated repository for training and education outcomes data | > \$50,000 | | | | Develop data repository for training and education outcome data | Procure product, data modeling services, and application development | |
| Workforce Development | Migrate Promise Jobs Application to IWORKS System | > \$50,000 | | | | Migrate legacy mainframe Promise Jobs case management system to IWORKS system | Customize IWORKS to support Promise Jobs Program to provide integrated case management services | |
| Workforce Development | UI Claims Redesign | > \$50,000 | | | | Redesign legacy applications to Web-based system. | Develop web-based application and migrate existing data platforms. | |
| Workforce Development | Workers' Compensation electronic filing and case management system | > \$50,000 | | | Estimate FY 2008 | Redesign legacy applications to Web-based electronic paperless system to interface with employers , claimants, insurance companies and attorneys. | Develop web-based application and migrate existing data platforms. | |
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